

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Olgica Bakajin et al Docket No. : IL-11047
Serial No. : Art Unit :
Filed : Examiner :
For : Intertwined, Free-Standing Carbon Nanotube
Mesh for use as Separation, Concentration,
and/or Filtration Medium

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

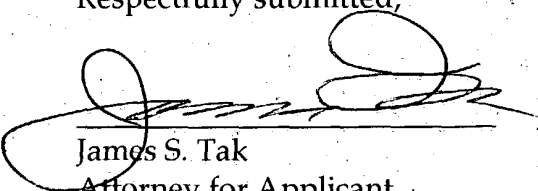
Dear Sir:

Forwarded herewith is an Information Disclosure Statement, Form-
1449, in the above-identified application

The above-mentioned disclosures, which are not admitted as prior art, are
identified on the enclosed Form 1449

Dated: 7-3-03

Respectfully submitted,


James S. Tak
Attorney for Applicant
Registration No. 46,367

Enclosures: As noted above

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Olgica Bakajin et al
		Group Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	IL-11047	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6110247		Birmingham et al	08-29-2000	
		6359288	B1	Ying et al	03/19/2002	
		6203814	B1	Fisher et al	03-20-2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		WO	01/63273	A2	Noca, Flavio et al	08-30-2001		
		WO	97/38312		Khoury, Simon	10-16-1997		
		WO	02/49762	A2	Lange, Frederick et al	06-27-2002		

Examiner Signature	Date Considered
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
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		Group Art Unit	
		Examiner Name	
Sheet	of	Attorney Docket Number	IL-11047

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			1 2
		BENJAMIN MESSER et al	Microchannel Networks for Nanowire Patterning	J. Am. Chem. Soc. 2000/22, 10232-10333	
		X.Y. ZHANG et al	Template synthesis of High-Density Carbon Nanotube Arrays	Journal of Crystal Growth 233 (2001) 306-310	
		JIAN CHEN et al	Room-Temperature Assembly of Directional Carbon Nanotube Strings	J. Am. Chem. Soc. Vol. 124, No. 5 2002 pgs. 758-759	
		Y.C. SUI et al	Synthesis of Multi Branched Carbon Nanotubes in Porous Anodic Aluminum Oxide Template	Carbon 39 (2001) 1709-1715	
		JIAN CHEN et al	Room-Temperature Assembly of Directional Carbon Nanotube Strings	Advanced Technologies Group, Zyvex Corporation	
		TAKASHI, KYOTANI ET AL	Synthesis of carbon nanotube composites in nanochannels of an anodic aluminum oxide film	Inst. Chem. Reaction Sci., Tohoku University, Japan Bulletin of the Chem. Soc. Of Japan (1999) 72,(9), 1957-1970	
		TAKASHI, KYOTANI	Preparation of Ultrafine Carbon Tubes in Nanochannels of an Anodic Aluminum Oxide Film	Chem. Mater., 1996, 8, 2109-2113	
		J.LI, C. PAPADOPOULOS ET AL	Highly-ordered Nanotube Arrays for Electronics applications	Applied Physics Letters vol. 75 Number 3 July 19, 1999	

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